



Structural Fiberglass Pergola Specifications

Component dimensions:

- Standard column height 8'-0", other heights available
- Column thickness 8", 10" and 12" (see appendix of column shapes)
- Rafters 2" x 8" spaced 18" - 24" on center (other spacing available)
- Top runners 2" x 2" spaced 12" on center (tighter spacing available for more shade)
- Tips of rafters and runners extend 2ft past the post centers on all sides
- Can span up to 26 feet between posts.
- Available in ANY size (and we do mean ANY)
- All kits include steel anchors for concrete or deck mounting, and stainless steel hardware

Warranty: Lifetime warranty

Assembly time: Pergolas are delivered in kit form and because of their pre-engineered nature they are installed in less than a day for most sizes.

Fiberglass composite: raw materials include a liquid resin mixture (containing polyester resin, inert filler, and specialized additives) and reinforcing glass fibers. Smooth in appearance and to the touch.



Engineered coating: ChromaGuard waterborne latex, eggshell finish. Warranted for 10 years. Lead, mercury and chromate free. Low VOC. Available in any Sherwin Williams or Benjamin Moore color code.

Compressive load: 10" x 10" columns have 1/8" thick walls and are capable of holding 14,000 lbs. of compressive load without structural reinforcement. Independently tested and verified.

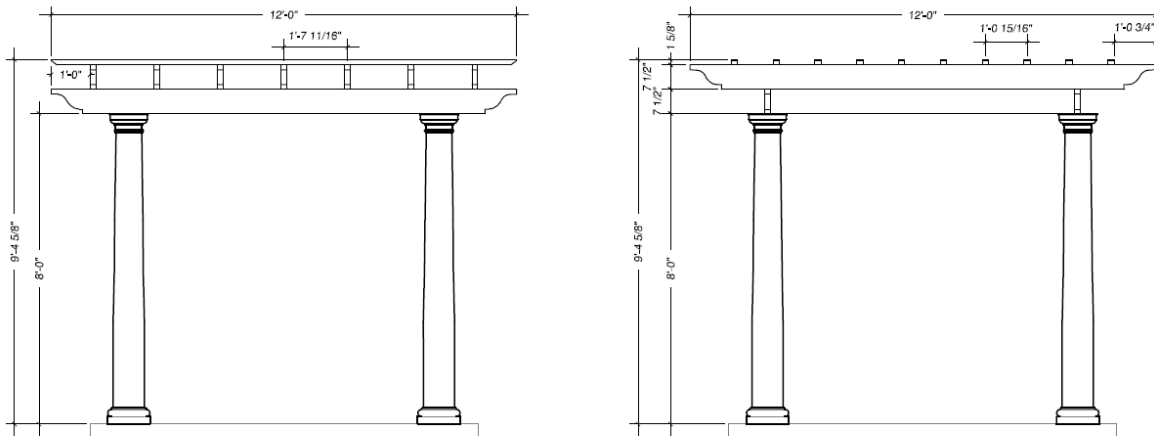
Wind load: Can withstand hurricane force winds up to 170 mph as per ASCE 7-10 Code with proper anchoring (24" cubic footing). Tested and verified by an independent professional engineer licensed in the state of Florida (Broward County).

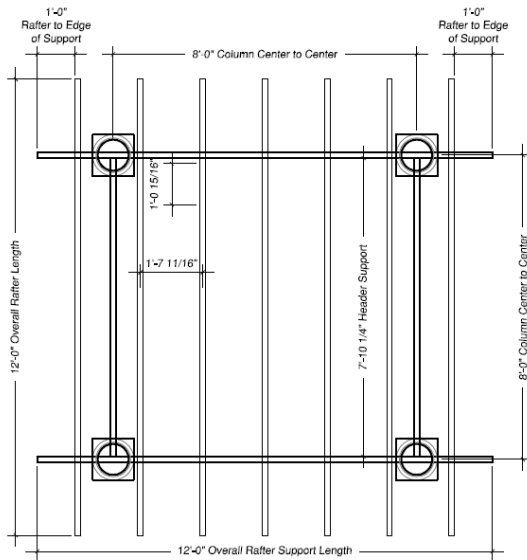
Durability: components will not warp, twist, shrink or sag in extreme weather conditions. Salt air and ocean spray have no effect.

Weight: The 2x2 weighs ½ pound per foot. The 2x8 weighs 1.25 pounds per foot and the 10" square column weighs 5.125 pounds per foot.

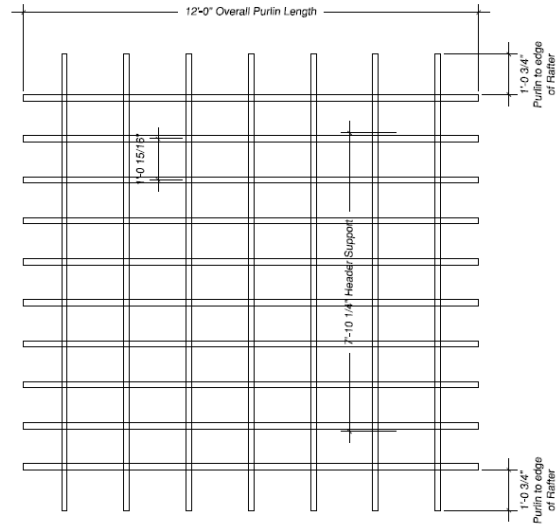
Maintenance: Low or no maintenance.

Representative drawings:





Rafter Supports & Rafters

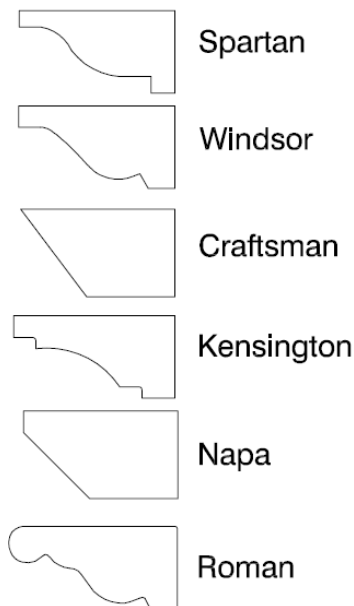


Rafters & Purlins

Decorative rafter tails:

Standard Tails Offered

(Custom Tails Available)



Pergola Kits USA

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Appendix – Column Types



(cont'd)

